

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECRET
SECURITY INFORMATION

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COUNTRY	Czechoslovakia	REPORT NO.	<input type="text"/>
SUBJECT	Projects of the Textile Research Institute at Brno	DATE DISTR.	19 May 1953
DATE OF INFO.	<input type="text"/>	NO. OF PAGES	1 25X1A
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		REFERENCES	

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

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SOURCE:

1. A new kind of non-woven textile was being developed at the Textile Research Institute in Brno during 1951. This new material was produced in the following manner: first, a layer of thermoplastic sheet was laid upon an endless warp. Then another warp cut to size, the length of which was identical with the width of the first warp, was laid across the thermoplastic sheet. The whole sheet was pressed together at a high temperature. This material possessed a much higher tensile strength in both directions than any other kind of non-woven textile.
2. In 1951, the Textile Research Institute was engaged in experimental production of cotton wool made from silon. Silon fibers were stretched to microscopic fineness by means of an air jet and then gathered together to form a material similar to cotton wool. I do not know any details.
3. An experimental arrangement for spinning silon yarn by means of a pot spinning centrifuge was developed at the Institute in 1951 and at the beginning of 1952. In the spring of 1952 it was handed over for further development to the Silon National Corporation at Plana nad Luznici [4921N-1442E].

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4.

Enclosure : Sketch of Non-woven textile developed by Textile Research Institute in Brno (1 page) (ORR).

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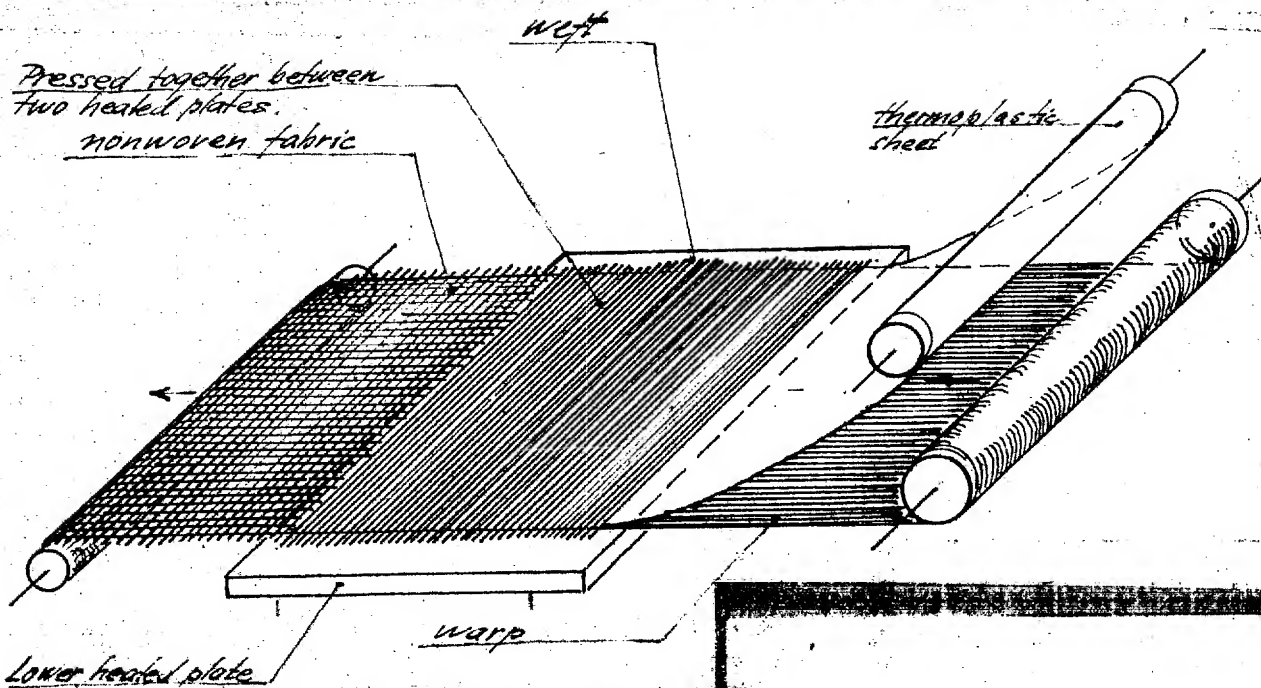
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Enclosure (A)

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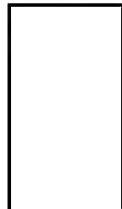
Research

Nonwoven Textile Developed by Textile ~~Institute~~ Institute in BRNO.



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